

Substitute for form 1449A/PTO

SEP 10 2004

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 10

Complete if Known

Application Number	10/660,857
Filing Date	September 12, 2003
First Named Inventor	PHAN, LOC X.
Art Unit	Unassigned
Examiner Name	Unassigned

Attorney Docket Number 018563-001140US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>Ceo</i>	AA	2,467,432	04-19-1949	Kesling	
	AB	3,660,900	05-09-1972	Andrews	
	AC	3,860,803	01-14-1975	Levine	
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	AE	3,950,851	04-20-1976	Bergersen	
	AF	4,014,096	03-29-1977	Dellinger	
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	AH	4,324,546	04-13-1982	Heitlinger et al.	
	AI	4,348,178	09-07-1982	Kurz	
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	AN	4,611,288	09-09-1986	Duret et al.	
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	AU	4,798,534	01-17-1989	Breads	
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	AW	4,850,864	07-25-1989	Diamond	
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	AY	4,936,862	06-26-1990	Walker et al.	
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	BD	5,017,133	05-21-1991	Miura	
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	BM	5,131,844	07-21-1992	Marinaccio et al.	
	BN	5,139,419	08-18-1992	Andreiko et al.	
	BO	5,184,306	02-02-1993	Erdman et al.	

Examiner Signature

Cary E O Connor

Date Considered

2/3/06

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018563-001140US					

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
CEO	BP	5,186,623		02-16-1993	Breads et al.
	BQ	5,257,203		10-26-1993	Riley et al.
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	BX	5,382,164		01-17-1995	Stem
	BY	5,395,238		03-07-1995	Andreiko et al.
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	CD	5,454,717		10-03-1995	Andreiko et al.
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	CH	5,533,895		07-09-1996	Andreiko et al.
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	CK	5,587,912		12-24-1996	Andersson et al.
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	CM	5,607,305		03-04-1997	Andersson et al.
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	CO	5,655,653		08-12-1997	Chester
	CP	5,683,243		11-04-1997	Andreiko et al.
	CQ	5,733,126		03-31-1998	Andersson et al.
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CEO	CS	5,975,893		11-02-1999	Chishti et al.

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code ³	Number ⁴		
CEO	CT	EP	091,876	A1	10-19-1983 Duret
CEO	CU	EP	299,490	A2	01-18-1989 Steinbichler et al.
CEO	CV	EP	376,873	A2	07-04-1990 Shafir
CEO	CW	EP	490,848	B1	06-17-1992 Andersson et al.
CEO	CX	EP	541,500	A1	06-12-1998 Andersson et al.

Examiner Signature	<i>Cary E O'Connor</i>	Date Considered	2/3/06
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
CED	CY	EP	731,673	B1	09-18-1998	Andersson et al.		<input type="checkbox"/>
	CZ	EP	774,933	B1	05-28-1997	Oden et al.		<input type="checkbox"/>
	DA	FR	2,652,256	A1	03-29-1991	Jourda		<input type="checkbox"/>
	DB	FR	2,369,828	A1	06-02-1978	Suyehiro		<input type="checkbox"/>
	DC	WO	90/08,512	A1	08-09-1990	Lemcren		<input type="checkbox"/>
	DD	WO	91/04,713	A1	04-18-1991	Jourda et al.		<input type="checkbox"/>
V	DE	WO	94/10,935	A1	05-26-1994	Andreiko et al.		<input type="checkbox"/>
CEO	DF	WO	98/44,865	A1	10-15-1998	Andersson		<input type="checkbox"/>
	DG	WO	98/58,596	A1	12-30-1998	Chishti et al.		<input type="checkbox"/>

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				<i>Examiner Name</i>	Unassigned
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
CLO	DH	ALEXANDER et al., "The DigiGraph Work Station Part 2, Clinical Management," <i>JCO</i> (July 1990), pp. 402-407.			
	DI	ALTSCHULER et al., "Laser Electro-Optic System for Rapid Three-Dimensional (3D) Topographic Mapping of Surfaces," <i>Optical Engineering</i> , Vol. 20(6) (1981), pp. 953-961.			
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	DK	ALTSCHULER et al., "Analysis of 3-D Data for Comparative 3-D Serial Growth Pattern Studies of Oral-Facial Structures," Program and Abstracts of Papers, Feb. 1975, <i>Journal of Dental Research</i> , Vol. 54, IADR Abstracts 1979, 2 pages total.			
	DL	ALTSCHULER, "3D Mapping of Maxillo-Facial Prostheses," AADR Abstract #607, 1980, 2 pages total..			
	DM	American Association for Dental Research, Summary of Activities, March 20-23, 1980, Los Angeles, CA, p. 195.			
	DN	ANDERSSON et al., "Clinical Results with Titanium Crowns Fabricated with Machine Duplication and Spark Erosion," <i>Acta Odontologica Scandinavia</i> , vol. 47 (1989), pp. 279-286.			
	DO	BAUMRIND et al., "A stereophotogrammetric system for the detection of prosthesis loosening in total hip arthroplasty, Applications of Human Biostereometrics (NATO)," <i>Proceedings of the Society of Photo-Optical Instrumentation Engineers</i> , Vol. 166, July 9-13, 1978, pp. 112-123.			
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	DS	BAUMRIND, "Integrated Three-Dimensional Craniofacial Mapping: Background, Principles, and Perspectives," <i>Seminars in Orthodontics</i> , Vol. 7, No. 4 (Dec. 2001), pp. 223-232.			
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	DU	BERNARD et al., "Computerized diagnosis in Orthodontics for Epidemiological Studies" (progress report), Abstracts of Papers, <i>Journal of Dental Research</i> ; Vol. 71, Special Issue March 1-14, 1992, pp. 28-36.			
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CLO	DW	BIGGERSTAFF et al., "Computerized analysis of occlusion in the postcanine dentition," <i>American Journal of Orthodontics</i> , Vol. 61, No. 3 (Mar. 1972), pp. 245-254.			

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CEO	DX	BIGGERSTAFF, "Computerized Diagnostic Setups and Simulations," <i>The Angle Orthodontist</i> , Vol. 40, No. 1 (Jan. 1970), pp. 28-36.			
	DY	BRANDESTINI et al., "Computer Machined Ceramic Inlays: In Vitro Marginal Adaptation," <i>Journal of Dental Research</i> , Vol. 64/Special Issue/Abstracts, IADR/AADR Abstracts 1985, 1 page total.			
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	EE	CHIAPPONE, "Constructing the gnathologic setup and positioner" <i>J. Clin. Orthod.</i> , 14:121-133, 1980.			
	EF	COTTINGHAM, "Gnathologic clear plastic positioner" <i>Am. J. Orthod.</i> , 55:23-31, 1969.			
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	EH	CRAWFORD, "CAD/CAM in the Dental Office: Does It Work?" <i>Canadian Dental Journal</i> , Vol. 57, No. 2 (Feb. 1991), pp. 121-123.			
	EI	CROOKS, "CAD/CAM Comes to USC," <i>USC Dentistry</i> , (Spring 1990) pp. 14-17.			
	EJ	CURETON, "Correcting malaligned mandibular Incisors with removable retainers" <i>J. Clin. Orthod.</i> , 30:390-395, 1996.			
	EK	CURRY et al., "Integrated Three-Dimensional Craniofacial Mapping at the Craniofacial Research Instrumentation Laboratory/University of the Pacific," <i>Seminars in Orthodontics</i> , Vol. 7, No. 4 (Dec. 2001), pp. 258-265.			
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CEO	EM	DCS Dental AG, "The CAD/CAM 'DCS Titan System' for Production of Crowns/Bridges" <i>DSC Production AG</i> , Jan. 1992, pp. 1-7.			

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CLD	EN	DEFRANCO et al., "Three-Dimensional Large Displacement Analysis of Orthodontic Appliances," <i>J. Biomechanics</i> , Vol. 9 (1976), pp. 793-801.			T ²
	EO	Dental Institute University of Zurich Switzerland, Program for International Symposium on Computer Restorations: State of the Art of the CEREC-Method, May 1991, 3 pages total.			
	EP	DenTrac Corporation, Dentrac document, pp. 4-13.			
	EQ	DURET et al., "CAD-CAM in Dentistry," <i>Journal of the American Dental Association</i> , Vol. 117 (Nov. 1988), pp. 715-720.			
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	ES	DURET, "The Dental CAD/CAM, General Description of the Project," <i>Hennson International Product Brochure</i> , Jan. 1986., 18 pages total.			
	ET	DURET, "Vers une prothese informatisee," (English translation also attached), <i>Tonus</i> , vol. 75, (Nov. 15, 1985), pp. 55-57.			
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	EV	ELSASSER, "Some observations on the history and uses of the Kesling positioner" <i>Am. J. Orthod.</i> , 36:368-374, 1950.			
	EW	FABER et al., "Computerized interactive orthodontic treatment planning," <i>Am. J. Orthod.</i> , Vol. 73, No. 1 (Jan. 1978), pp. 36-46.			
	EX	FELTON et al., "A computerized analysis of the shape and stability of mandibular arch form," <i>Am. Journal of Orthodontics and Dentofacial Orthopedics</i> , Vol. 92, No. 6 (Dec. 1987), pp. 478-483.			
	EY	FRIEDE et al., "Accuracy of Cephalometric Prediction in Orthognathic Surgery," Abstract of Papers, <i>Journal of Dental Research</i> , Vol. 70 (1987), pp. 754-760.			
	EZ	GIM-ALLDENT Deutschland, "Das DUX System: Die Technik" 4 pages total.			
	FA	GRAYSON, "New Methods for Three Dimensional Analysis of Craniofacial Deformity," Symposium: Computerized Facial Imaging In Oral and Maxillofacial Surgery, AAOMS Sept. 13, 1990, 3 pages total.			
V	FB	GUESS et al., "Computer Treatment Estimates in Orthodontics and Orthognathic Surgery," <i>JCO</i> , (April, 1989), pp. 262-28.			
AS	FC	HEAVEN et al., "Computer-based Image Analysis of Artificial Root Surface Caries," "Automated Identification of Landmarks in Cephalometric Radiographs," Abstracts of Papers, <i>Journal of Dental Research</i> , Vol. 67, March 9-13, 1988, 2 pages total.			

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CEO	FD	HOFFMANN et al., "Role of Cephalometry for Planning of Jaw Orthopedics and Jaw Surgery Procedures," (Article Summary In English, article in German), <i>Informationen</i> , (March 1991), pp. 375-396.		T ²
	FE	HUCKINS, "CAD-CAM Generated Mandibular Model Prototype from MRI Data," <i>AAOMS</i> 1999, p. 96.		
	FF	Inside the ADA, <i>Journal Of The American Dental Assoc.</i> , Vol. 118 (March 1989) 9 pages total.		
	FG	JCO Interviews, "Craig Andreiko , DDS, MS on the Elan and Orthos Systems", JCO, (Aug. 1994), pp. 459-468.		
	FH	JCO Interviews, "Dr. Homer W. Phillips on Computers in Orthodontic Practice, Part 2," JCO, (Dec. 1983), pp. 819-831.		
	FI	JERROLD, "The problem, electronic data transmission and the law," <i>AJO-DO</i> , (Apr. 1988), pp. 478-479.		
	FJ	JONES et al., "An Assessment of the Fit of a Parabolic Curve to Pre- and Post-Treatment Dental Arches," <i>British Journal of Orthodontics</i> , Vol. 16 (1989), pp. 85-93.		
	FK	KAMADA et al., "Case reports on tooth positioners using LTV vinyl silicone rubber" <i>J. Nihon University School of Dentistry</i> , 26(1):11-29, 1984.		
	FL	KAMADA et al., "Construction of tooth positioners with LTV vinyl silicone rubber and some case reports" <i>J. Nihon University School of Dentistry</i> , 24(1):1-27, 1982.		
	FM	KANAZAWA et al., "Three-Dimensional Measurements of the Occlusal Surfaces of Upper Molars in a Dutch Population," <i>J. Dent Res.</i> , Vol. 63, No. 11 (Nov. 1984), pp. 1298-1301.		
	FN	KESLING, "Coordinating the predetermined pattern and tooth positioner with conventional treatment" <i>Am. J. Orthod. Oral. Surg.</i> , 32:285-293, 1946.		
	FO	KESLING, "The philosophy of the tooth positioning appliance" <i>Am. J. Orthod. Oral. Surg.</i> , 31(6):297-304, 1945.		
	FP	KLEEMANN et al., "The speed positioner" <i>J. Clin. Orthod.</i> , 30:673-680, 1996.		
	FQ	KURODA et al., "Three-dimensional dental cast analyzing system using laser scanning" <i>Am. J. Orthod. Dentofac. Orthop.</i> , 110:365-369, 1996.		
CEO	FR	LAURENDEAU et al., "A Computer-Vision Technique for the Acquisition and Processing of 3-D Profiles of Dental Imprints: An Application in Orthodontics," <i>IEEE Transactions on Medical Imaging</i> , Vol. 10, No. 3 (Sept. 1991), pp. 453-461.		
CEO	FS	LEINFELDER et al., "A new method for generating ceramic restorations: a CAD-CAM system," <i>Journal Of The American Dental Assoc.</i> , Vol. 118, No. 6 (Jun. 1989), pp. 703-707.		

Examiner Signature	Cary EO Conner	Date Considered	2/3/06
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²Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/660,857
(use as many sheets as necessary)				<i>Filing Date</i>	September 12, 2003
				<i>First Named Inventor</i>	PHAN, LOC X.
				<i>Art Unit</i>	Unassigned
				<i>Examiner Name</i>	Unassigned
Sheet	8	of	10	<i>Attorney Docket Number</i>	018563-001140US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
CEO	FT	MCNAMARA et al., <i>Orthodontic and Orthopedic Treatment in the Mixed Dentition</i> , Needham Press, January 1993. pp.347-353.		
	FU	MCNAMARA et al., "Invisible Retainers", <i>J. Clinical Orthodontics</i> , (August 1985) pp. 570-578.		
	FV	MOERMANN et al., "Computer Machined Adhesive Porcelain Inlays: Margin Adaptation after Fatigue Stress," IADR Abstract 339, <i>Journal of Dental Research</i> , vol. 66(a) (1987), p. 339.		
	FW	MÖRMANN et al., "Marginal Adaptation von adhasiven Porzellinanlays in vitro," <i>Schweizerische Monatsschrift für Zahnmedizin</i> , Vol. 85 (1985), p. 1118-1129.		
	FX	MÖRMANN et al., "Marginale Adaptation von adhäsiven Porzellinanlays in vitro," Separatdruck aus: Schweiz. Mschr. Zahnmed. 95: 1118, 1985.		
	FY	NAHOUM, "The vacuum formed dental contour appliance" <i>The New York State Dental Journal</i> , 30(9):385-390, Nov. 1964.		
	FZ	NASH, "CEREC CAD/CAM Inlays: Aesthetics and Durability in a Single Appointment," <i>Dentistry Today</i> , (October 1990), pp. 20, 22-23, 54.		
	GA	NISHIYAMA et al., "A new construction of tooth repositioner by LTV vinyl silicone rubber" <i>J. Nihon University School of Dentistry</i> , 19(2):93-102, 1977.		
	GB	PINKHAM, "Foolish' Concept Propels Technology," <i>Dentist</i> , Jan/Feb. 1989, 3 pages total.		
	GC	PINKHAM, "Inventor's CAD/CAM may transform dentistry," <i>Dentist</i> , Sept. 1990, 3 pages total.		
	GD	PONITZ, Invisible Retainers, 59 <i>Am. J. Orthodontics</i> , March 1971, pp. 266-272.		
	GE	Procera Research Projects, <i>PROCERA Research Projects 1993 — Abstract Collection</i> , 1993, pp. 3-28.		
	GF	REKOW, "A Review of the Developments in Dental CAD/CAM Systems," (contains references to Japanese efforts and content of the papers of particular interest to the clinician are indicated with a one-line summary of their content in the bibliography), <i>Dental Clinics: Prosthodontics and Endodontics</i> , pp.25-33, 1992.		
	GG	REKOW, "CAD/CAM In Dentistry: A Historical Perspective and View of the Future," <i>Journal</i> , Vol. 58 No. 4, (April 1992), pp. 283, 287-288.		
↓	GH	REKOW, "Computer-Aided Design and Manufacturing In Dentistry: A Review of the State of the Art," <i>The Journal of Prosthetic Dentistry</i> , Vol. 58, No. 4 (Oct. 1987), pp. 512-516.		
CEO	GI	REKOW, "Dental CAD-CAM Systems: What is the State of the Art?" <i>Journal of the American Dental Assoc.</i> , Vol. 122 (1991), pp. 43-48.		

Examiner Signature	Cary E O'Connor	Date Considered	2/13/86
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Sheet	9	of	10	<i>Attorney Docket Number</i>	018563-001140US

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<i>CCD</i>	GJ	REKOW, "Feasibility of an Automated System for Production of "Dental Restorations," PhD Thesis, Univ. of Minnesota, Nov. 1988, 244 pages total.			²
	GK	RICHMOND et al., Research Reports, "The development of a 3D Cast Analysis System," <i>British Journal of Orthodontics</i> , pp. 53-54.			
	GL	RICHMOND, "Recording the dental cast in three dimensions," <i>Am. J. Orthod. Dentofac. Orthop.</i> , Vol. 92, No. 3, (Sept. 1987), pp.199-206.			
	GM	RUDGE, "Dental arch analysis: arch form, A review of the literature," <i>European Journal of Orthodontics</i> , Vol. 3, No. 4 (1981), pp.279-284.			
	GN	SAKUDA et al., "Integrated information-processing system in clinical orthodontics: An approach with use of a computer network system," <i>Am. J. Orthod. Dentofac. Orthop.</i> Vol. 101 No. 3 (March 1992), pp. 210-220.			
	GO	SCHELLHAS et al., "Three-Dimensional Computer Tomography in Maxillofacial Surgical Planning," <i>Arch Otolaryngol Head Neck Surg.</i> Vol. 114 (April 1988), pp. 438-442.			
	GP	SEGÜ et al., "Computer-aided Cefalometry and New Mechanics in Orthodontics" (Article Summary in English, article in German), <i>Fortschr. Kieferorthop.</i> 44, 370-376 (Nr. 5), 1983			
	GQ	SHILLIDAY, "Minimizing finishing problems with the mini-positioner" <i>Am. J. Orthod.</i> 59:596-599, 1971			
	GR	Siemens, "CEREC - Computer-Reconstruction," High Tech in der Zahnmedizin, 14 page total.			
	GS	Sirona Dental Systems GmbH, CEREC 3D, Manuel utilisateur, Version 2.0X (in French), 2003, 114 pages total.			
	GT	STOLL et al., "Computer-aided Technologies in Dentistry" (Article Summary in English, article in German), <i>Dtsch Zahnärztl Z</i> 45, 314-322, 1990.			
	GU	U.S. Department of Commerce, National Technical Information Service, "Automated Crown Replication Using Solid Photography SM," Solid Photography Inc. Melville NY, October 1977, 21 pages total.			
	GV	U.S. Department of Commerce, National Technical Information Service, "Holography: An Introduction to Dental Laser Holography," School of Aerospace Medicine Brooks AFB Tex, March 1973, 37 pages total.			
	GW	U.S. Provisional Patent Application No. 60/050342, filed on June 20, 1997, 41 pages total.			
<i>V</i>	GX	VAN DER LINDEN et al., Three-Dimensional Analysis of Dental Casts by Means of the Optocom," <i>J Dent Res</i> , July-August 1972, p. 1101.			
<i>CCD</i>	GY	VAN DER LINDEN, "A New Method to Determine Tooth Positions and Dental Arch Dimensions," July-August 1972, p. 1104.			

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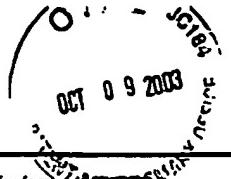
Substitute for form 1449B/PTO				Complete If Known	
				<i>Application Number</i>	10/660,857
				<i>Filing Date</i>	September 12, 2003
				<i>First Named Inventor</i>	PHAN, LOC X.
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CD	GZ	VAN DER ZEL, "Ceramic-fused-to-metal Restorations with a New CAD/CAM System," <i>Quintessence International</i> , vol. 24(11) (1993), pp. 769-778.		
	HA	VARADY et al., "Reverse Engineering of Geometric Models - An Introduction," May 13, 1996, pp. 1-28.		
	HB	WARUNEK et al., "Clinical use of silicone elastomer appliances" JCO, MH (10):694-700, 1989.		
	HC	WARUNEK et al., "Physical and mechanical properties of elastomers in orthodontic positioners" Am. J. Orthod. Dentofac. Orthop., 95:388-400, 1989.		
	HD	WELLS, "Application of the positioner appliance in orthodontic treatment" Am. J. Orthodont., 58:351-366, 1970.		
	HE	WILLIAMS, "Dentistry and CAD/CAM: Another French Revolution," <i>Journal of Dental Practice Admin.</i> , Jan./March 1987, pp. 2-5.		
	HF	WILLIAMS, "The Switzerland and Minnesota Developments in CAD/CAM," <i>Journal of Dental Practice Admin.</i> , pp. 50-55, April/June 1987.		
	HG	WISHAN, "New Advances in Personal Computer Applications for Cephalometric Analysis, Growth Prediction, Surgical Treatment Planning and Imaging Processing," <i>Symposium: Computerized Facial Imaging in Oral and Maxillofacial Surgery</i> , AAOMS, Sept. 13, 1990, p. 5.		
V	HH	YAMAMOTO et al., "Three-Dimensional Measurement of Dental Cast Profiles and Its Applications to Orthodontics," Annual Int'l Conf. of IEEE Engineering in Medicine and Biology Society, Vol. 12, No. 5, pp. 2051-2053, 1990		
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Examiner Signature	<i>Casey E O'Connor</i>	Date Considered	2/3/06
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Substitute for form 1459970-1214		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/660,857
		Filing Date	September 12, 2003
		First Named Inventor	PHAN, LOC X.
		Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	1	of	2
		Attorney Docket Number	

U.S. PATENT DOCUMENTS+

U.S. PATENT DOCUMENTS					
		Document Number			
Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CD	1	3,922,786	12/1975	Lavin	
	2	5,011,705	4/1991	Lemchen	
	3	5,957,686	9/1999	Anthony	
	4	5,964,587	10/1999	Sato	
	5	5,971,754	10/1999	Sondhi et al.	
↓	6	5,975,893	11/1999	Chistiti et al.	
CD	7	6,309,215	10/2001	Phan et al.	

FOREIGN PATENT DOCUMENTS

Examiner Signature	Cary EO Connors	Date Considered	2/13/06
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Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					
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Sheet	2	of	2		
				Application Number	10/660,857
				Filing Date	September 12, 2003
				First Named Inventor	PHAN, LOC X.
				Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	018563-001140US

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cel	9	Chippone, "Constructing the gnathologic setup and positioner" <i>Journal of Clinical Orthodontics</i> (1980) 14:121-133.		
	10	Cottingham, "Gnathologic clear plastic positioner" <i>American Journal of Orthodontics</i> (1969) 55:23-31.		
	11	Cureton, "Correcting malaligned mandibular incisors with removable retainers" <i>Journal of Clinical Orthodontics</i> (1996) 30:390-395.		
	12	Kesling et al., "The philosophy of the tooth positioning appliance" <i>American Journal of Orthodontics and Oral Surgery</i> (1945) 31:297-304.		
	13	Kesling et al., "Coordinating the predetermined pattern and tooth positioner with conventional treatment" <i>American Journal of Orthodontics and Oral Surgery</i> (1945) 32:285-293.		
	14	Kleeman et al., "The speed positioner" <i>Journal of Clinical Orthodontics</i> (1996) 30:673-680.		
	15	Product Brochure, Raintree Essix™, Inc. New Orleans, Louisiana 70125, 7 pages total from http://www.essix.com/magazine/default.html .		
	16	Product Brochure, Tru-tain Orthodontic & Dental Supplies, Rochester, Minnesota 55902, 16 pages total.		
	17	Shilliday, "Minimizing finishing problems with the mini-positioner" <i>American Journal of Orthodontics</i> (1971) 59:596-599.		
↓	18	Warunek et al., "Clinical use of silicone elastomer appliances" <i>Journal of Clinical Orthodontics</i> (1989) 23:694-700.		
cel	19	Wells, "Application of the positioner appliance in orthodontic treatment" <i>American Journal of Orthodontics</i> (1969) 55:23-31.		

Examiner Signature	<i>Cory E Connor</i>	Date Considered	2/3/06
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Substitute for form 1449A PTO
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STATEMENT BY APPLICANT

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Sheet 1 of 11

Complete If Known

Application Number	10/660,857
Filing Date	September 12, 2003
First Named Inventor	PHAN, LOC X.
Art Unit	3732
Examiner Name	Unassigned

Attorney Docket Number 018563-001140US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CEO	1	3,407,500	10-29-1968	Kesling	
	2	3,600,808	08-24-1971	Reeve	
	3	3,683,502	08-15-1972	Wallshein	
	4	3,983,628	10-05-1976	Acevedo	
	5	4,253,828	03-03-1981	Coles et al.	
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	7	4,500,294	02-19-1985	Lewis	
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	14	4,836,778	06-06-1989	Baumnind et al.	
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	20	4,935,635	06-19-1990	O'Harra,	
	21	4,941,826	07-17-1990	Loran et al.	
	22	4,983,334	01-08-1991	Adell	
	23	5,125,832	06-30-1992	Kesling	
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	37	5,823,778	10-20-1998	Schmitt et.al.	
	38	5,848,115	12-08-1998	Little et al.	
	39	5,857,853	01-12-1999	van Nifterick et al.	
	40	5,866,058	02-02-1999	Batchelder et al.	
CEO	41	5,879,158	03-09-1999	Doyle et al.	

Examiner Signature	Cary E O'Connors	Date Considered	2/3/06
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CLO	42	5,880,961	03-09-1999	Crump	
	43	5,880,962	03-09-1999	Andersson et al.	
	44	5,934,288	08-10-1999	Avila et al.	
	45	5,957,686	09-28-1999	Anthony	
	46	6,015,289	01-18-2000	Andreiko et al.	
	47	6,044,309	03-28-2000	Honda	
	48	6,049,743	04-11-2000	Baba	
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	60	6,350,120	02-26-2002	Sachdeva et.al.	
	61	6,398,548	06-04-2002	Muhammad et al.	
	62	6,524,101	02-25-2003	Phan et al.	
↓	63	6,554,611	04-29-2003	Chishti et al.	
	64	2002/0006597	01-17-2002	Andreiko et al.	
CLO	65	RE 35169	03-05-1996	Lemchen et al.	

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	68	AU	5598894	06-08-1994	Ormco Corp		<input type="checkbox"/>
	69	CA	1121955	04-20-1982	Suyehiro Hito		<input type="checkbox"/>
	70	DE	2749802	05-11-1978	Suyehiro Hito		<input checked="" type="checkbox"/>
	71	DE	69327661	07-20-2000	Ormco Corp		<input checked="" type="checkbox"/>
	72	EP	0091876	10-19-1983	Duret		<input checked="" type="checkbox"/>
↓	73	EP	0299490	01-18-1989	Steinbichler		<input checked="" type="checkbox"/>
CLO	74	EP	0376873	07-04-1990	Shafir		<input type="checkbox"/>
	75	EP	0490848	06-17-1992	Nobelpharma AB.		<input type="checkbox"/>

Examiner Signature	Cary E OConnor	Date Considered	2/3/06
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	78	EP	0774933	05-28-1997	Sandvik AB		<input type="checkbox"/>
	79	EP	0731673	09-18-1996	Nobel Biocare AB		<input type="checkbox"/>
	80	ES	463897	01-01-1980	Hito Suyehiro		<input type="checkbox"/>
	81	FR	2369828	06-02-1978	Hito Suyehiro		<input checked="" type="checkbox"/>
	82	FR	2652256	03-29-1991	Jourda		<input checked="" type="checkbox"/>
	83	GB	1550777	08-22-1979	Hito Suyehiro		<input type="checkbox"/>
	84	JP	04-028359	01-30-1992	Mitsubishi Petrochemical Co		<input checked="" type="checkbox"/>
	85	JP	53-058191	05-25-1978	Yoshii		<input checked="" type="checkbox"/>
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	89	WO	94/10935	05-26-1994	Ormco Corp		<input type="checkbox"/>
↓	90	WO	98/32394	07-30-1998	Hultgren Bruce Willard		<input type="checkbox"/>
CD	91	WO	98/44865	10-15-1998	Nobel Biocare AB		<input type="checkbox"/>

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<i>V</i>	195	VAN DER LINDEN et al., Three-Dimensional Analysis of Dental Casts by Means of the Optocom, <i>J Dent Res.</i> July-August 1972, p. 1100.			
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Examiner Signature	<i>Cory E O'Connor</i>	Date Considered	2/3/06
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Application Number</i>	10/660,857
				<i>Filing Date</i>	September 12, 2003
				<i>First Named Inventor</i>	PHAN, LOC X.
				<i>Art Unit</i>	3732
				<i>Examiner Name</i>	Unassigned
Sheet	11	of	11	<i>Attorney Docket Number</i>	018563-001140US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
<i>CCO</i>	197	VAN DER ZEL, Ceramic-fused-to-metal Restorations with a New CAD/CAM System, <i>Quintessence International</i> , Vol. 24, No. 11 (1993), pp. 769-778.			
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<i>CCO</i>	208	YOSHII, Research on a New Orthodontic Appliance: The Dynamic Positioner (D.P.)-III- The General Concept of the D.P. Method and Its Therapeutic Effect, Part 2. Skeletal reversed Occlusion Case Reports, <i>Nippon Dental Review</i> , Vol.458,12/80, pp. 112-129.			

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